Lift type: 43\(\%\) Intake: 44\(\%\) Power type: 45\(\%\)

R=62\%  T+ A  \*  Log \99\%  E  \*  Top 200=  .47  \*  Bot 201=  .48  \*

R=190\%  T+ A  \*  Log \99\%  D  \*  Top 200=  .0  \*  Bot 201=  .99  \*

R=180\%  T+ A  \*  Log \190\%  E  \*  Top 200=  .0  \*  Bot 201=  .1  \*

R=110\%  T+ A  \*  Year 200=  .1  \*  Bot 201=  .12  \*

R=90\%  T+ A  \*  Unit ID  92  \*  Name of Unit  92  \*  Top 91=  9,60  \*  Bot 92=  \*

Unit ID  93  \*  Name of Unit  93  \*

R=98\%  T+ A  \*  99\%  1  \*  Test No.  106  \*

R=105\%  T+ A  \*  99\%  1  \*

Transmissivity (gal/d)/ft

Hydraulic cond. (gal/d)/ft²

Storage coeff. Boundaries

Water Level Data Collection (1)

<table>
<thead>
<tr>
<th>Top/Sol.</th>
<th>D</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand + Clay</td>
<td>3</td>
<td>80</td>
</tr>
<tr>
<td>Sand + Clay</td>
<td>80</td>
<td>88</td>
</tr>
<tr>
<td>Sand</td>
<td>88</td>
<td>160</td>
</tr>
<tr>
<td>Clay</td>
<td>160</td>
<td>320</td>
</tr>
<tr>
<td>Sand + gravels</td>
<td>330</td>
<td>496</td>
</tr>
<tr>
<td>Clay</td>
<td>496</td>
<td>632</td>
</tr>
<tr>
<td>Sand</td>
<td>632</td>
<td>872</td>
</tr>
<tr>
<td>Clay</td>
<td>872</td>
<td>860</td>
</tr>
<tr>
<td>Sand + quartzite</td>
<td>860</td>
<td>996</td>
</tr>
<tr>
<td>Clay + slate, marl</td>
<td>996</td>
<td>920</td>
</tr>
<tr>
<td>Date well completed</td>
<td>1984 DRILLER DRILLING SERVICE <em>FORREST</em></td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>----------------------------------------</td>
<td></td>
</tr>
<tr>
<td>LANDOWNER</td>
<td>GLENDALE</td>
<td></td>
</tr>
<tr>
<td>UTILITIES WEL No. 3</td>
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<tr>
<td>(mailing address)</td>
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</tr>
<tr>
<td>WELL LOCATION</td>
<td>sec R T S 5 18 R 13 5</td>
<td></td>
</tr>
<tr>
<td>(distance)</td>
<td>632 672 miles</td>
<td></td>
</tr>
<tr>
<td>(direction)</td>
<td></td>
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</tr>
<tr>
<td>(nearest town)</td>
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<tr>
<td>WELL PURPOSE</td>
<td>POTATO FIELD</td>
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<tr>
<td>(home, irrigation, municipal, industrial)</td>
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<td></td>
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<tr>
<td>WELL COMPLETION DATA</td>
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<td></td>
</tr>
<tr>
<td>(1) diameter (inches)</td>
<td>12 3/4</td>
<td></td>
</tr>
<tr>
<td>(2) total depth (ft)</td>
<td>902</td>
<td></td>
</tr>
<tr>
<td>(3) static water level (ft)</td>
<td>135 below top of ground.</td>
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</tr>
<tr>
<td>(4) casing material</td>
<td>Steel</td>
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<tr>
<td>(size)</td>
<td>852</td>
<td></td>
</tr>
<tr>
<td>(depth)</td>
<td>8 3/8</td>
<td></td>
</tr>
<tr>
<td>(5) screen length</td>
<td>38 ft</td>
<td></td>
</tr>
<tr>
<td>(size)</td>
<td>8 3/8</td>
<td></td>
</tr>
<tr>
<td>(6) pump size (size)</td>
<td>60</td>
<td></td>
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<tr>
<td>(material)</td>
<td>550</td>
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</tr>
<tr>
<td>(7) electric log</td>
<td>MISS. STEEL. SAWYER</td>
<td></td>
</tr>
<tr>
<td>(organization running log)</td>
<td></td>
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</tr>
<tr>
<td>(8) how well bottom plugged</td>
<td>760 ft. 5 1/2</td>
<td></td>
</tr>
<tr>
<td>DRILLERS REMARKS</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
APPLICATION FOR PERMIT TO DIVERT OR WITHDRAW 
FOR BENEFICIAL USE THE PUBLIC WATERS OF THE STATE OF MISSISSIPPI

DEPARTMENT OF ENVIRONMENTAL QUALITY, OFFICE OF LAND AND WATER RESOURCES
P.O. BOX 10631, JACKSON, MS 39289-0631; (601) 961-5202

This box is for office use only. 11-13-1998 AGN. FORM OL.WR-AP-2 (REV. 9/94)

This box is for office use only. 11-13-1998 AGN. FORM OL.WR-AP-2 (REV. 9/94)

Lat. Long. Elev. USGS No. MSDOH No.
EASTABACHIE 89.19-43 275 B125
Quad. ACSFS Farm No. STAC.
Aquifer: MOON
Tract No. Basin No.

Remain: Dam Inv. No.

THIS APPLICATION IS FOR (Circle one): NEW PERMIT RENEWAL PERMIT NO. GW-5700

THIS APPLICATION IS FOR (Circle one): GROUNDWATER COMPLETE A,B,E SURFACE WATER - COMPLETE A,C,D,E

BENEFICIAL USE (Circle one or more): 1) Public Supply - Municipal, Rural Water or Private Water 2) Irrigation
3) Industrial 4) Fish Culture 5) Recreation 6) Institutional (eg. Church, School) 7) Commercial (eg. Hotel, Casino,
Restaurant) 8) Fire Protection 9) Livestock 10) Flood Protection 11) Other: Water

SECTION A (to be completed by ALL APPLICANTS)

LANDOWNER: Glendale Utility District (Name)
2805 Glendale Ave
Hattiesburg, MS 39401 (Address)
601-583-0647 (Telephone No.)

APPLICANT, AGENT, OR LESSEE (if different from Landowner)

(Name) (SSN or Tax ID No.)
Address

(City) (State & Zip)

(County)

(Telephone)

Location of diversion/withdrawal point (A suitable map with location marked must accompany this application)

N.W. 1/4 of the S.E. 1/4 of Section 58, Township 13N, Range 13W, County Forrest

Does the land to which this application pertains have any source(s) of water other than that for which you are now applying (circle one)? YES NO If yes, describe the nature and amount of any additional supply and, if applicable, list permit number.

SECTION B (to be completed for GROUNDWATER SOURCE) UNDERGROUND

1. AQUIFER: MOON MISSISSIPPI DEPARTMENT OF HEALTH NO: 180007-02

2. Proposed work will begin on ________________ and will be completed by ________________.

   If well has already been drilled, when was well completed (date)? ____________

   Under whose name was well originally drilled (if known)? __________________________

3. Description of proposed or completed well:
   (a) DEPTH OF WELL: ________________ feet. DRILLER: ________________
   (b) SURFACE CASING: Length ________________ feet, Diameter 12½ inches, Type welded ST
   (c) SCREEN: Length ________________ feet, Diameter 8 inches, Type welded SS
   (d) PUMP: Type Turbine, Size ________________ capacity ________________ gallons per minute, Setting depth ________________ feet
   (e) POWER UNIT: Type ________________ Size ________________ horsepower

4. PERMITTED VOLUME:
   (a) ________________ acre-feet per year at a maximum rate of ________________ gallons per minute
   (b) ________________ million gallons per day at a maximum rate of ________________ gallons per minute

(continued on back)
SECTION C (to be completed for SURFACE WATER SOURCE)
1. Source of water is from __________________________ which drains into __________________________ (major stream or river)
2. Description of pump/diversion works:
   Pump (size & type): __________________________ Power Unit (size & type): __________________________
   Lift: __________________________ feet Maximum capacity: __________________________ gallons per minute
   __________________________ acre-feet per year at a maximum rate of __________________________ gallons per minute

SECTION D (to be completed for SURFACE WATER IMPOUNDMENTS [DAMS] on continuously flowing streams)
1. Name of storage reservoir: __________________________ Dam Height: __________________________ feet
2. Surface area at normal pool: __________________________ Storage capacity at normal pool: __________________________ acre-feet

SECTION E WATER USE DATA (ALL APPLICATIONS - complete section related to beneficial use)
1. Irrigation: List the number of acres of each crop to be irrigated: Rice__________; Cotton__________; Oats__________; Corn__________; Soybeans__________; Pasture__________; Truck__________; Wheat__________; Grain Sorghum__________; Other (specify)__________; Acres________________________
   A. Method of Irrigation (circle one) - Center Pivot Flood Furrow
   B. Land Condition (circle one) - Precision Land Formed Smoothed
   C. ASCS Farm No.__________; Tract No.__________
2. Fish Culture: Explain how water will be used: __________________________
   How often will reservoir (s) be emptied and refilled? __________________________
3. Municipal, Water Association, or Private Water System
   Chose "a" or "b". (a) The number of people served is ________ or (b) The number of connections is ________
   What is the estimated average daily consumption during periods of maximum use at the end of each five-year period during the next twenty (20) years?
   (Volume) (Year) (Volume) (Year) (Volume) (Year)
4. Industrial: If the water is to be released into a watercourse, indicate the amount released each year __________________________
   Rate of release __________________________; NPDES Permit No. __________________________
   Explain any changes in quality of water to be released: __________________________
   Explain how water will be used: __________________________
   How much groundwater will be used for once-through non-contact cooling? __________________________
5. Recreation: Explain how water will be used: __________________________
6. Other Use: Explain in detail (if needed, attach another page): __________________________
7. Remarks: __________________________

List below the person to be contacted for additional information if required.

Janice F. Strack
(Name)
2805 Glendale Ave.
(Address)
Hattiesburg, MS 39401
(City, State, Zip)
(601) 583-0647
(Telephone)

The accompanying map is hereby declared a part of this application. For irrigation and fish culture use, an ASCS photograph is required. The TEN DOLLAR ($10.00) permit fee is enclosed herewith.

Janice F. Strack
(Signature)

Subscribed and sworn to before me this 9th day of December 1997, at Hattiesburg County of Forrest.
MISSISSIPPI STATEWIDE NOTARY PUBLIC
Notary Public.
DEPARTMENT OF ENVIRONMENTAL QUALITY - OLWR

PUBLIC SUPPLY WELLS PROJECT

GPS LOG

USER NAME(S): CA. Hornbeck

DATE: 6/30/94

UNIT DEQ #: 82555

FILE #: CO630116B

HEALTH DEPT. #: 180007-02

ELEV. 875

USGS #: 2-109 6125

OLWR #: 5700

OWNER: Glendale Utility Dist.

LOCATION: SW-5W-SW S 8 T 5W R 13W COUNTY: Forrest

LOCATION DESCRIPTION: OFF Eatonville Rd. about 2mi. N of I-59

SE of North Forrest High School Baseball Field.

CASING DIA: 12"

PUMP TYPE & SIZE: 60 HP Elec.

GPS FIELD LOCATION: LAT. 31° 24.534 LONG. 89° 19.770

GPS CORRECTED LOCATION: LAT. 31° 24.31.483 LONG. 89° 19.45.329

REMARKS: GPS at well.

31.408745 89.329258